Tekonsha 9010 / 9020 Commander Brake Controller

Quick Reference Guide

■ Wiring Connections

- Black → 12V power (fused, from vehicle battery)
- White → Ground (vehicle chassis)
- Blue → Trailer brakes output
- Red → Stoplight switch (cold side, active only when brake pedal pressed)

■ Controls & Adjustments

- Gain (Output Control) – Adjusts maximum trailer braking force.
- • Turn up for heavier loads.
- • Reduce for lighter trailers or slippery conditions.
- Leveling / Sync Control (Commander pendulum style) – must be leveled side-to-side (use built-in bubble/indicator).
- • Adjust sync knob to set how aggressively trailer brakes engage relative to tow vehicle.
- Manual Slide Lever – Activates trailer brakes independently of tow vehicle brakes.
- • Useful for testing or controlling sway.

■ Indicator Light

- Off → No trailer connected or fault.
- Dim → Trailer connected, no brakes applied.
- Bright → Brakes applied (intensity matches brake power).

■ Setup Procedure

- 1. Mount unit securely, level side-to-side.
- 2. Wire per diagram (above).
- 3. Connect trailer – indicator light should glow dim.
- 4. Set Gain – drive ~20 mph on level ground. Apply brakes:
- • Increase until trailer brakes can almost lock up.
- • Back off slightly.
- 5. Fine Tune Sync/Level – trailer should brake smoothly with tow vehicle, without jerking.

■ Troubleshooting

- No light → Check ground, power, trailer connection.
- Light on but no braking → Check blue wire to trailer brakes.
- Harsh jerking → Reduce gain or adjust sync.
- Weak braking → Increase gain, check trailer wiring/brakes.